

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Benjamin Imhoff on April 14, 2011.

The application has been amended as follows:

1. A patient physiologic monitoring assembly comprising:

a plurality of sensors that generate a real-time physiologic data stream, said real-time physiologic data stream including a plurality of physiologic variables;

a first logic rule set for diagnosing a physiological condition of a patient, the first logic rule set including a plurality of logic rules for interpreting the plurality of physiologic variables of the real-time physiologic data stream;

a second logic rule set for diagnosing the physiological condition of the patient, the second logic rule set including a plurality of logic rules for interpreting the physiologic variables of the real-time physiologic data stream; and

a controller that receives said real-time physiologic data stream as the data stream is generated, said controller including a logic that:

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simultaneously cross references said plurality of physiologic variables of the real-time physiologic data stream with the first logic rule set and second logic rule set as the controller receives the real-time physiologic data system;

generates at least a first diagnostic interpretation of said plurality of physiologic variables utilizing said first logic rule set and a second diagnostic interpretation of said plurality of physiologic variables utilizing said second logic rule set; and

displays said first and second diagnostic interpretations on a display element;

wherein the first diagnostic interpretation and the second diagnostic interpretations are different diagnostic interpretations of the same physiological condition, using the same real-time physiologic data stream.

Claim 2 is cancelled.

The following is an examiner's statement of reasons for allowance: The prior art alone and in combination fails to disclose applying first and second different logic rule sets to a real-time physiologic data stream as the data stream is generated, and displaying the resulting first and second diagnostic interpretations. The state of the art searched and cited only applied rule sets to previously stored data, or did not display first and second diagnostic interpretations.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kai Rajan whose telephone number is (571)272-3077. The examiner can normally be reached on Monday - Friday 9:00AM to 4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sam Yao can be reached on 571-272-1224. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Kai Rajan/
Examiner, Art Unit 3769

April 14, 2011

/Sam Chuan Yao/
Supervisory Patent Examiner, Art Unit 3769